Application No. Applicant(s) Index of Claims 09/850,263 JACOBI ET AL Examiner **Art Unit** Donald L. Champagne 3622 (Through numeral) Rejected Non-Elected Appeal Cancelled N Α Allowed Restricted Interference 0 Objected Date Claim Date Claim Date Original 1/25/05

|             |  |          |     | ፲፫        | ō                    | 12            |                    |            |            |              |              |          |          |              |          | Ξ        | oj.        | 1/2      |          |              |          |          |          |          |          |           |
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| +           | +  | -        | 1   | $\vdash$  | <b>a</b> 7           | -             | ╁                  | ┢          |            | <del> </del> | -            | ⊢        | -        | $\vdash$     | 1        |          | 101        | √.       | _        | _            | <u> </u> | -        | ├        | -        | $\vdash$ | $\dashv$  |
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| ┰           | ╁  | _        | {   | <u> </u>  | 3                    | ⊢             | ╁-                 | ┢          | $\vdash$   | -            | -            | ⊢        | -        | ⊢            |          |          | 104        | 1        | _        | _            | L        | ļ        | ⊢        | _        | $\Box$   | $\dashv$  |
|             | ╫  | -        | ł   | -         | 32                   | <u> </u>      | ┼                  | ┢          | _          | <u> </u>     | <del> </del> | $\vdash$ | ┝        | ⊢            |          |          | 105        | 0        |          |              | _        | <u> </u> | ╙        |          | Щ        | _         |
|             | +-   |          | ł   |           | 53 54<br>53 55<br>57 |               | ┼-                 | ⊢          | <u> </u>   | <u> </u>     | <u> </u>     | <u> </u> | ļ        | ⊢            |          |          | 106        | 1        |          |              | _        | <u> </u> | <u> </u> |          | Щ        | _         |
| <del></del> | $\vdash$   | _        | 1   | <u> </u>  | <del>  3</del> /-    | ⊢             | ↓                  | <u> </u>   | <u> </u>   | _            | <u> </u>     | _        | <u> </u> | ļ_           |          |          | 107        | 1        |          |              | _        | _        | L        |          | $\Box$   | _         |
|             | ₩  | _        | ł   |           | 30                   | ⊢             | -                  | <b> </b> _ |            |              | ļ            | <u> </u> | _        | <u> </u>     |          |          | 108        | 4        |          | $oxed{\Box}$ | L        | L        | <u> </u> |          |          |           |
| _           |  |          | ł   |           | 53 53 63°            | ▙             | ╄                  | _          | _          | _            | <u> </u>     | _        |          | ╙            |          |          | 109        | *        |          | _            | _        |          |          |          |          |           |
|             | ⊢  |          |     |           | 90                   | L             | ⊢                  | _          |            | _            | _            | _        | <u> </u> | 乚            |          |          | 110        | 1        |          |              |          | L_       | L.       |          |          |           |
| -           | <b>!</b>   | _        |     |           | 61                   | =             | ↓_                 | L.         | lacksquare | _            |              |          | Щ        | L            |          |          | 111        | =        |          |              |          | L        |          |          |          |           |
|             |  |          |     |           | 62                   | 1             | <u> </u>           | _          |            |              | _            | L        | _        |              |          |          | 112        | =        |          |              |          |          |          |          |          |           |
| $\bot$      | 1  |          |     |           | 63                   | Ц             | ╙                  |            |            |              |              | L        |          | Щ            |          |          | 113        | =        |          |              |          |          |          |          |          |           |
| <u> </u>    |  |          |     |           | 64                   | Ц             | 上                  |            |            |              |              |          |          |              |          |          | 114        | 1        |          |              |          |          | Г        | П        | $\neg$   |           |
|             | $\sqcup$   |          | Į   |           | 65                   | Ц             |                    | oxdot      |            |              |              | L        | L        |              |          |          | 115        | 1        |          |              |          |          |          |          |          | $\neg$    |
|             | $oxed{oxed}$                                     |          |     |           | 66                   | П             |                    |            |            |              |              |          |          |              |          |          | 116        | 1        |          |              |          |          |          | 广        | $\dashv$ | $\neg$    |
|             |  |          |     |           | 67                   | oxdot T       | $\Gamma$           |            |            |              |              |          |          |              |          |          | 117        | 0        |          |              | П        |          |          | П        | $\dashv$ | ᅱ         |
|             |  |          |     |           | 68                   |               |                    |            |            |              |              |          |          |              |          |          | 118        | √        |          |              |          |          | $\vdash$ |          |          | $\neg$    |
|             |  |          |     |           | 69                   | $\prod$       |                    |            |            |              |              |          |          |              |          |          | 119<br>120 | 1        |          |              |          | П        | _        | М        | 寸        | $\dashv$  |
|             |  |          |     |           | 70                   | П             | Π                  |            |            |              |              |          |          |              | Ì        |          | 120        | 1        |          |              |          |          |          |          |          | $\dashv$  |
|             |  |          | ١,  |           | 71                   | П             | Π                  |            |            |              |              |          |          |              | l        |          | 121        | 1        |          |              |          | _        |          | $\vdash$ | $\dashv$ | $\neg$    |
|             |  |          | 1 1 |           | 72                   | П             |                    |            |            |              |              | -        |          |              |          |          | 122        | 0        |          | _            |          | _        | H        |          | $\dashv$ | $\dashv$  |
|             |  |          |     |           | 73                   | Ħ             | İ                  | П          |            | _            |              |          |          | П            | l        |          | 123        | 1        | 一        |              | $\vdash$ | _        |          | Н        | -        | $\dashv$  |
|             | i I  |          |     |           | 74                   | Ħ             |                    | П          |            | _            |              | _        |          | Н            | ł        |          | 124        | Ö        |          |              |          |          | -        | $\dashv$ | $\dashv$ | $\dashv$  |
|             |  |          | i   |           | 75                   | H             | $\vdash$           | Н          |            |              | _            | _        |          | Н            | ŀ        | _        | 125        | 7        | -        |              | $\vdash$ | $\vdash$ | $\vdash$ |          | $\dashv$ | $\dashv$  |
| 1           | П  |          |     |           | 76                   | H             | H                  | Н          |            | _            | H            |          | _        | Н            | <b> </b> |          | 125<br>126 | V        | $\dashv$ | _            | Н        |          | H        | -        | -        | $\dashv$  |
|             |  | _        |     |           | 77                   | H             | T                  | H          | -          | _            |              |          |          | Н            | ŀ        | _        | 127        | 1        |          | -            | Н        |          | -        |          | $\dashv$ |           |
| +-          | ┢  |          |     |           | 78                   | +             | $\vdash$           | -          | -          | _            |              |          |          | Н            |          |          | 128        | ·        | $\dashv$ |              |          |          | $\vdash$ |          |          | $\dashv$  |
| +           |  | -        | i   |           | 79                   | Ha            | -                  | Н          |            | _            | _            | _        |          | Н            | ŀ        |          | 129        | -        | $\dashv$ | $\dashv$     | $\dashv$ | _        | _        |          | _        | -         |
| +           | $\vdash$   |          |     |           | 80                   | ¥             | ├                  | $\vdash$   |            | _            |              |          | Н        | Н            | }        |          | 129        |          |          | _            | $\dashv$ | _        |          | Щ        |          |           |
| +           | ┨  | -        |     | _         | 81                   | =             | ┢                  | Н          | -          | -            |              |          |          | Н            | }        |          | 130        | $\dashv$ | $\dashv$ | _            | _        |          |          | -        | -        | _         |
|             | H  | -        |     |           | 82                   | ⊢             | ⊢                  | Н          | $\dashv$   | _            |              |          | _        | Н            |          |          | 131        | _        | _        |              |          | _        | Ш        |          | _        | _         |
| +-          | ╌┤   | _        |     |           | 83                   | =             | ⊢                  | -          | $\dashv$   | _            |              |          | _        | Н            |          |          | 132        |          |          | _            |          | _        |          |          | _        |           |
| +-          | $\vdash$   |          |     |           |                      | =             | ┢                  | Н          |            |              |              |          |          |              | ŀ        |          | 133        |          | _        | _            |          | _        |          | $\sqcup$ | _        |           |
| +           | $\vdash$   |          |     |           | 84<br>85             | $\overline{}$ | ⊢                  | Н          | $\dashv$   | _            |              | -        |          | Ы            | ļ        | <u>.</u> | 134        | _        | _        | _            | _        | _        | Щ        |          | _        |           |
| +           | ╌┤   | _        |     |           |                      | =             | ⊢                  | $\vdash$   | 4          |              |              |          |          | Щ            | ļ        |          | 135        |          |          | _            | _        |          |          |          |          | _         |
| +           | ┞╼┨  | -        |     |           | 86                   | =             | ⊢                  |            | -          | _            |              |          |          | Щ            | ļ        |          | 136        | _        | _        | _            |          |          |          |          |          | _         |
|             | $\vdash$   | -        |     | $\dashv$  | 8 <b>7</b><br>88     | _             | L                  | $\Box$     | _          | _            | Щ            |          |          |              | ļ        |          | 137        |          | _        |              |          |          |          |          |          |           |
|             | $\vdash \vdash$                                  |          |     |           | 88                   |               | <u> </u>           | $\Box$     | _          | _            |              |          | $\Box$   |              |          |          | 138        |          | [        |              |          | ]        |          |          | $\Box$   |           |
| -           | $\sqcup$   | _        |     |           | 89                   |               | L                  | $\square$  |            |              |              |          |          |              |          |          | 139        | I        | I        |              | _]       |          |          |          |          |           |
| $\perp$     | Щ  |          | ļļ  | ļ         | 90                   |               |                    | Щ          | _          |              |              |          |          |              | [        |          | 140        | [        | $\Box$   | [            |          |          |          | $\Box$   | $\Box$   | $\neg$    |
| $\dashv$    | Щ  |          |     | ]         | 9                    |               |                    |            | ]          |              | ]            |          | ]        |              | [        | [        | 141        | [        |          | _7           | $\Box$   |          |          |          | $\neg$   | $\neg$    |
| $\bot$      | Ш  |          |     |           | 92                   |               |                    |            | I          |              | ]            |          |          |              | [        |          | 142        |          | 一        |              |          | $\neg$   |          | $\neg$   | $\neg$   | ヿ         |
|             | Ц  |          |     |           | 98                   |               | $oxedsymbol{oxed}$ |            |            |              |              |          |          |              |          |          | 143        | $\neg$   | コ        |              |          | 一        |          |          | $\neg$   | ヿ         |
| $\perp$     | Ш  |          |     | I         | 94                   |               |                    |            | _]         |              | ]            |          |          |              | Ī        |          | 144        | $\neg$   |          | 乛            | ヿ        | 一        | $\neg$   | T        | $\neg$   | $\exists$ |
|             | Ш  |          |     |           | 95                   |               |                    |            |            |              |              |          |          |              |          |          | 145        | 寸        |          | T            | $\neg$   | _        | $\neg$   | _        | 7        | $\exists$ |
|             |  |          |     |           | 98/                  |               |                    |            |            |              |              | $\neg$   |          | $\neg$       | Ī        |          | 146        | 一        | 一        | $\dashv$     | ┪        | ᅥ        |          | $\dashv$ | 十        | $\dashv$  |
|             |  |          |     |           | 97                   | 1             |                    | i          | $\Box$     |              | $\neg$       |          | $\neg$   | $\neg$       | Ì        |          | 147        | $\dashv$ | 寸        | 寸            | 寸        | ᅥ        |          | $\dashv$ | 十        | $\dashv$  |
|             |  |          | Ī   |           | 98                   | $\Box$        |                    |            | $\neg$     |              |              |          | $\neg$   | $\neg$       | j        |          | 148        | 寸        | T        | $\neg$       | -        | $\dashv$ |          | +        | -        | $\dashv$  |
|             |  |          | Ī   | T         | 99                   | 4             | П                  |            | 寸          | $\neg$       |              |          |          | $\dashv$     | ı        |          | 149        | $\dashv$ |          | $\dashv$     | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$  |
| $\Box$      | П  | $\neg$   | ı   |           | 100                  | 1             | П                  |            | 7          | _            | $\neg$       | $\dashv$ | 寸        | $\dashv$     | ŀ        | _        | 150        | -        | +        | -            | +        | -        | $\dashv$ | ᅱ        | $\dashv$ | $\dashv$  |
|             |  |          | ٠   |           |                      |               |                    |            |            |              | '            |          |          |              | L        |          | . 50       | 1        |          | 1            |          |          |          | 1        |          |           |

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